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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 23/2021, (46)Friday

04.06.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 17.2 mm. The maximum temperature ranges from 31.1°C to 33.0°C, minimum temperature ranges from 21.7°C to 25.1°C. Morning relative humidity ranges from 89% to 98% and afternoon relative humidity ranges from 62% to 78%. Wind speed ranges from 1.0 to 2.0 km/h. Bright sunshine hours range from 0.9 to 9.6 hours. Evaporation ranges from 2.3 to 3.4 mm.

CURRENT SYNOPTIC SITUATION: Southwest Monsoon has further advanced into remaining parts of south Arabian Sea, some parts of central Arabian Sea, remaining parts of Lakshadweep & Kerala today the 4th June, 2021. A cyclonic circulation over Eastcentral Arabian Sea off Karnataka coast extending upto 4.5 km above mean sea level. A trough runs from the above cyclonic circulation over Eastcentral Arabian Sea to south Tamilnadu across Karnataka extending upto 0.9 km above mean sea level. An off-shore trough at mean sea level runs from south Maharashtra coast to south Kerala coast. A cyclonic circulation lies over Sri Lanka & adjoining Comorin area between 3.1 km & 4.5 km above mean sea level. A cyclonic circulation lies over south coastal Tamilnadu at 1.5 km above mean sea level.

HEAVY RAINFALL WARNING: Day 1 and Day 2: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Kottayam, Thrissur, Malappuram and Wayanad.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	05.06.2021	06.06.2021	07.06.2021	08.06.2021	09.06.2021
Rainfall (mm)	20	10	8	15	15
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	97	97	97	97	97
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	12	6	6	8
Wind direction (deg)	270	230	250	250	270
Total cloud cover (octa)	8	8	7	8	8

Moderate rainfall is forecasted in the district by IMD & KAU. Below normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. Crop management is required for agricultural crops before monsoon season. If the soil is more acidic, add lime as per soil testing.		
Paddy	Land preparation to transplanting	Transplant seedlings at 4 to 5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one litre of water for one kg of seeds. To control sheath blight, sheath rot, leaf spot disease etc. in future.
Coconut	Bud rot	During rainy season, there is a chance of bud rot disease in coconut. As a prophylactic measure, 1% Bordeaux mixture can be sprayed on coconut crown.
Nutmeg	Leaf fall	There is a chance of leaf fall in nutmeg during monsoon season. As a prophylactic measure spray 1% Bordeaux mixtures.
	Pink disease	Chisel out the infected area and swab or forcefully spray with contaf 5 ml in 100 ml water. After it gets dried apply rubberkote to close the crevices.
Pepper	Foot rot	Foot rot-As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM & 10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Vegetables (Chilly,Bringal)	-	Dipping roots in <i>Pseudomonas</i> solution can be recommended before planting seedlings.
Animal Husbandry	Sundry the cattle feed to avoid fungal growth and always store feed in the dry place.	

